IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, in this application.

1. (previously presented) A process for the proteolytic hydrolysis of a peptide or a polypeptide, said peptide or polypeptide comprising 4 to 40 amino acid residues and said peptide or polypeptide is not hydrolysable by subtilisin, the process comprising hydrolysing said peptide or polypeptide with a proline specific endo protease at a pH of 6.5 or lower.

2. (previously presented) A process for the proteolytic hydrolysis of a peptide or a polypeptide, said peptide or polypeptide comprising 4 to 40 amino acid residues and comprising the tripeptide motif Glu-Xxx-Pro, Gln-Xxx-Pro, Tyr-Pro-Phe or Tyr-Pro-Trp, the process comprising hydrolysing said peptide or polypeptide with a proline specific endo protease at a pH of 6.5 or lower.

3. (previously presented) A process for the proteolytic hydrolysis of a peptide or a polypeptide, said peptide or polypeptide comprising 4 to 40 amino acid residues, and whereby the amino acid residues of the peptide or polypeptide comprises for at least 30% proline and/or glutamine residues, the process comprising hydrolysing said peptide or polypeptide with a proline specific endo protease at a pH of 6.5 or lower with the proviso that the peptide or polypeptide comprises at least 10% proline residues.

4. (previously presented) A process according to claim 1 whereby the peptide or polypeptide comprises the tripeptide motif Glu-Xxx-Pro or Gln-Xxx-Pro and contains 9 or more amino acid residues.

5. (original) A process according to claim 4 whereby said peptide or polypeptide is hydrolyse into a peptide containing 8 or less amino acid residues.

6. (original) A process according claim 2 whereby the peptide or polypeptide comprises the motif Tyr-Pro-Phe or Tyr-Pro-Trp and whereby a peptide bond between Pro and Phe or Pro-Trp of the Tyr-Pro-Phe or Tyr-Pro-Trp motif is hydrolysed.

7. (previously presented) A process according to claim 1 wherein a proline specific endo protease derived from *Aspergillus* or belonging to the S28 family of serine proteases is used.

8. (previously presented) A method of using a proline specific endoprotease having a pH optimum below 6.5 to hydrolyse a peptide or polypeptide comprising 4 to 40 amino acid residues that is not hydrolysable by subtilisin, the method comprising administering a dietary supplement comprised of said proline specific endoprotease for ingestion by a patient in need thereof.

9. (currently amended) A method of using a proline specific endoprotease to hydrolyse, at a pH of below 5.5, proline rich peptides which are associated ~~brought in relation~~ with celiac disease, a disease associated with the occurrence of celiac disease, or a disease caused by a decreased level in a patient's body of proline specific proteases required for breakdown of these peptides, the method comprising administering a dietary supplement comprised of said proline specific endoprotease for ingestion by a patient in need thereof.

10. (currently amended) The method according to claim 9, wherein the proline specific endoprotease is an *Aspergillus* enzyme ~~A method of using a proline specific endoprotease to produce food which is devoid of celiac related epitopes, the method comprising digesting food with said proline specific endoprotease~~.

11. (previously presented) A method of using a proline specific endoprotease having a pH optimum below 6.5, the method comprising administering said proline specific endoprotease for ingestion by a patient in need thereof, whereby the patient suffers

from celiac disease, a disease associated with the occurrence of celiac disease, or a disease caused by a decreased level in the patient's body of proline specific proteases.

12. (previously presented) The method according to claim 11, wherein the proline specific endoprotease is an *Aspergillus* enzyme.

13. (previously presented) A method of using a proline specific endoprotease having a pH optimum below 6.5 as a dietary supplement or a medicament for treatment or prevention of a psychiatric disorder selected from the group consisting of autism, schizophrenia, ADHD, bipolar mood disorder and depression, the method comprising administering said dietary supplement or medicament to a patient in need thereof.

14. (previously presented) A method of using a proline specific endoprotease having a pH optimum below 6.5, the method comprising administering a dietary supplement or a medicament comprising said proline specific endoprotease to a patient in need thereof.

15. (previously presented) A method of using a proline specific endoprotease having a pH optimum below 6.5 as a dietary supplement or a medicament for treatment or preventing of a celiac disease linked disorder like autoimmune disorder selected from the group consisting of type 1 diabetes, dermatitis herpetiformis, autoimmune thyroiditis, collagen diseases, autoimmune alopecia, autoimmune hepatitis and IBS, the method comprising administering said dietary supplement or medicament to a patient in need thereof.

Claims 16-17 (canceled)

18. (currently amended) A method of using a proline specific endoprotease to produce food which is devoid of celiac related epitopes, the method comprising digesting food with said proline specific endoprotease ~~The method according to claim 9, wherein the proline specific endoprotease is an *Aspergillus* enzyme~~.

19. (previously presented) A method of using a proline specific endoprotease having a pH optimum below 6.5, the method comprising adding said proline specific endoprotease to a dietary supplement, a medicament or feed.

20. (previously presented) A method of treatment or prevention of a celiac disease linked disorder, the method comprising administering by oral ingestion a dietary supplement or a medicament comprising a proline specific endoprotease having a pH optimum below 6.5 to a patient in need thereof.

21. (previously presented) The method according to claim 20, wherein the proline specific endoprotease is an *Aspergillus* enzyme.

22. (previously presented) The method according to claim 20, wherein the proline specific endoprotease is an *Aspergillus niger* enzyme.